

Data File : VV012418.D
Acq On : 27 Aug 2019 10:53
Operator : SY/MD
Sample : K4501-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL9

Quant Time: Aug 28 07:38:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230935	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51329	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	39882	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	73218	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.97	46	160886	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	120808	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	61821	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	240716	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	77501	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	196365	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.67	79	25115	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.14	63	70313	35.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42272	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67614	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	866	0.085	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	713	0.077	ug/L #	1
13) Acetone	2.24	43	32910	24.456	ug/L	87
15) Methyl Acetate	2.24	43	30921	9.128	ug/L #	48
21) 2-Butanone	4.14	43	109764	34.728	ug/L #	51
25) Chloroform	4.43	83	16108	0.564	ug/L	97
35) Methylcyclohexane	6.12	83	18275	0.745	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8760	0.597	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1980	0.100	ug/L #	74
42) Toluene	7.43	91	7884	0.133	ug/L	93
44) trans-1,3-Dichloropropene	7.66	75	1095	0.073	ug/L #	70
48) 2-Hexanone	8.19	43	26390	4.656	ug/L #	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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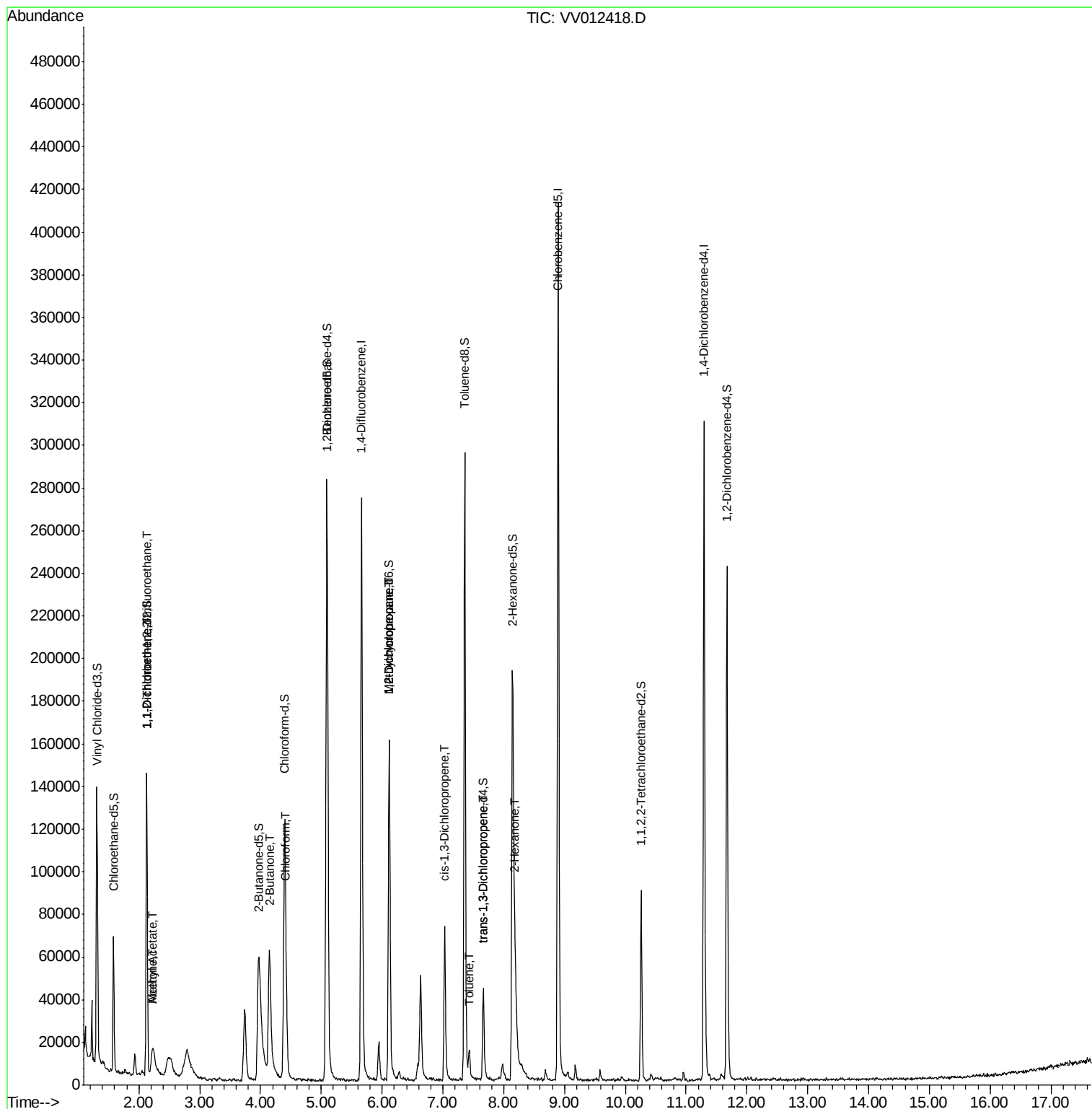
Quant Time: Aug 28 07:38:38 2019

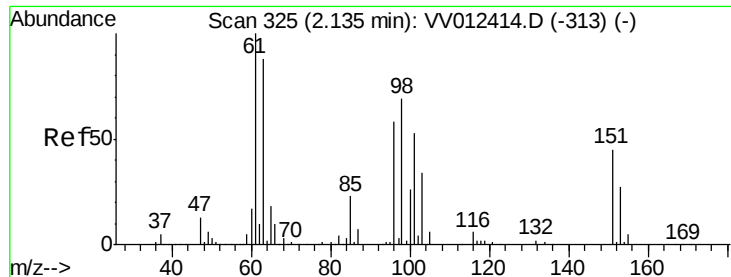
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Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Aug 28 07:35:31 2019

Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012418.D

Acq: 27 Aug 2019 10:53

Instrument :

MSVOA_V

ClientSampleId :

GANL9

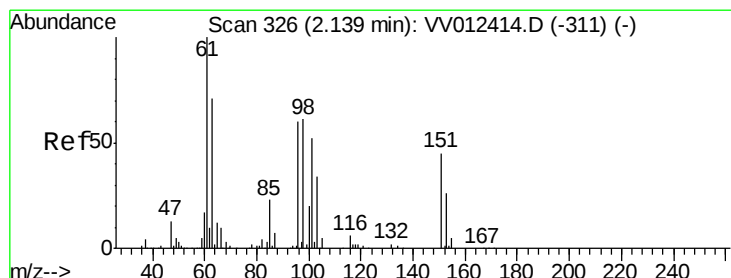
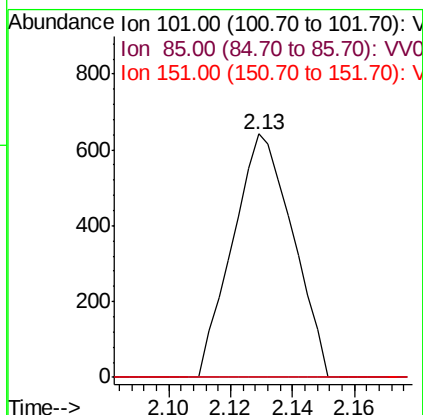
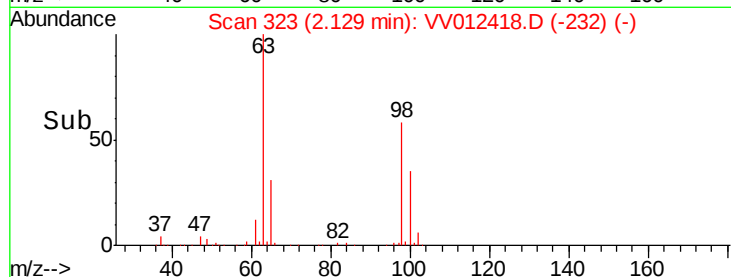
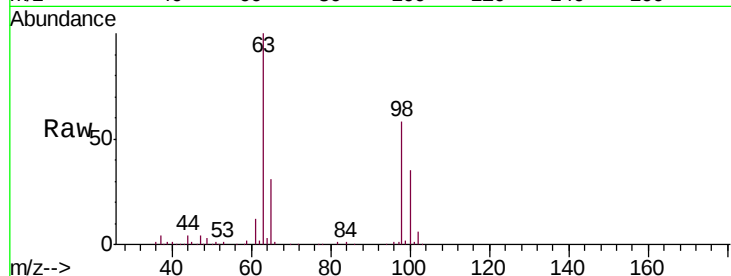
Tgt Ion: 101 Resp: 866

Ion Ratio Lower Upper

101 100

85 2.4 34.6 51.8#

151 0.0 71.2 106.8#



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012418.D

Acq: 27 Aug 2019 10:53

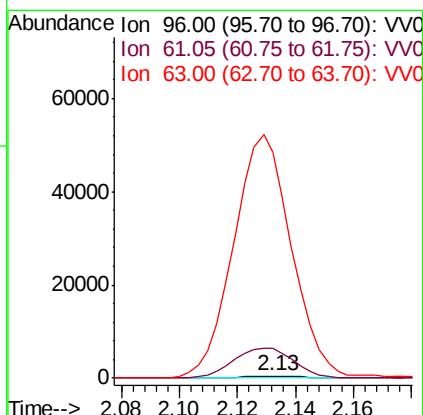
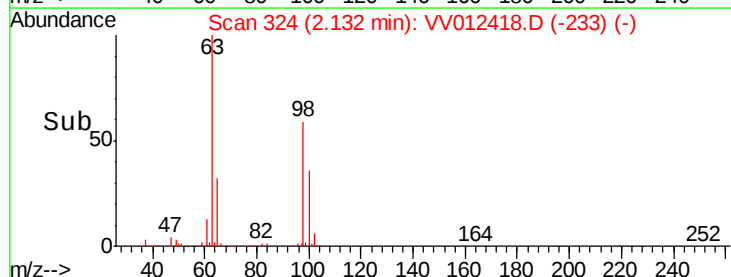
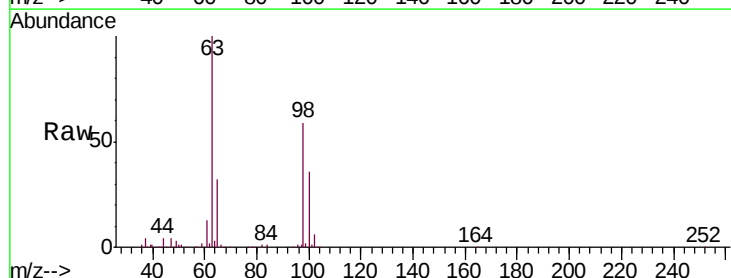
Tgt Ion: 96 Resp: 713

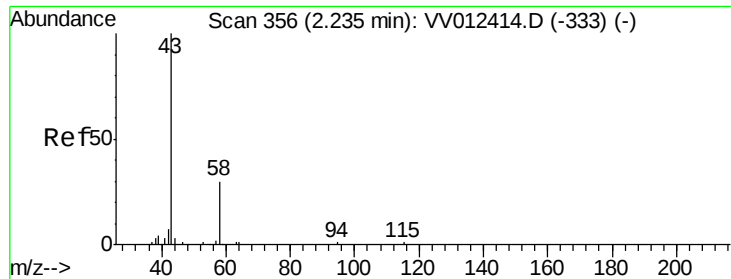
Ion Ratio Lower Upper

96 100

61 1280.1 122.3 227.1#

63 9821.1 90.6 168.2#





#13

Acetone

Concen: 24.456 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.00 min

Lab File: VV012418.D

Acq: 27 Aug 2019 10:53

Instrument :

MSVOA_V

ClientSampleId :

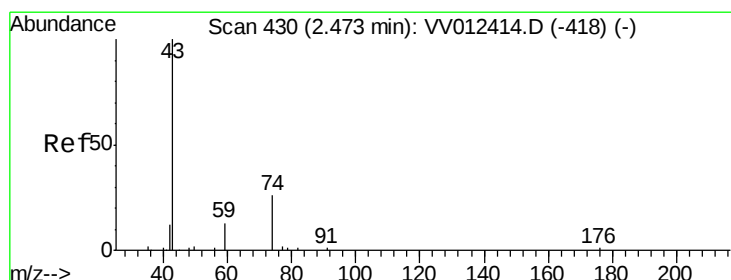
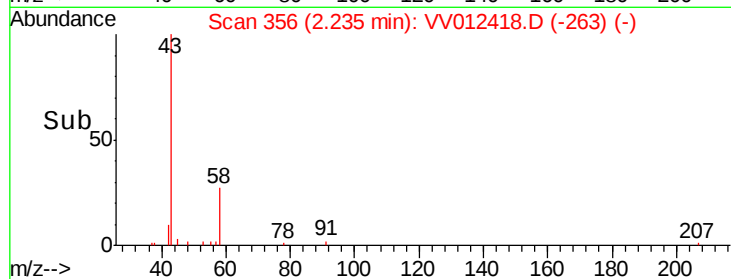
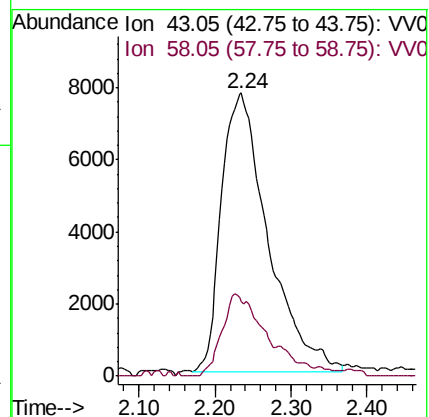
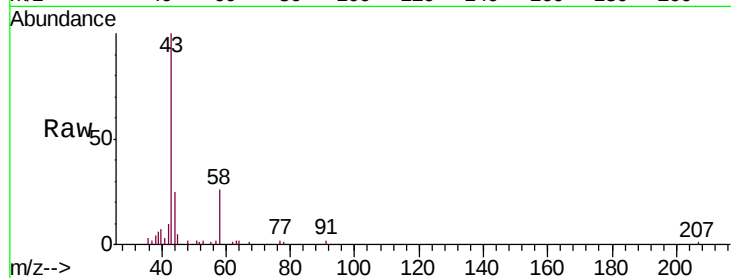
GANL9

Tgt Ion: 43 Resp: 32910

Ion Ratio Lower Upper

43 100

58 24.1 0.0 62.8



#15

Methyl Acetate

Concen: 9.128 ug/L

RT: 2.24 min Scan# 356

Delta R.T. -0.24 min

Lab File: VV012418.D

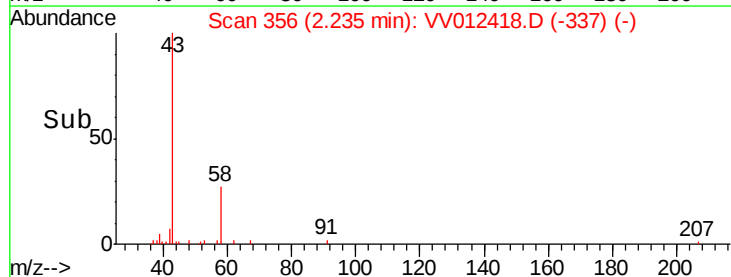
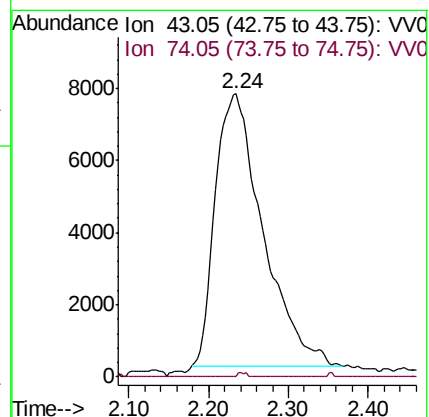
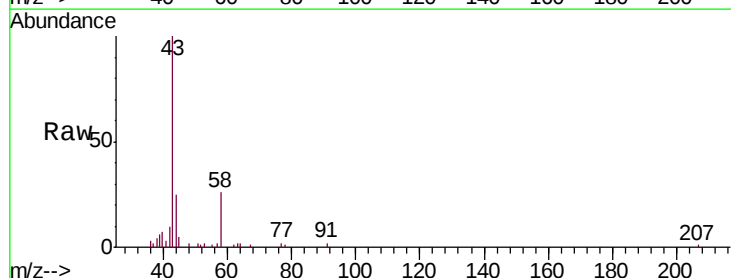
Acq: 27 Aug 2019 10:53

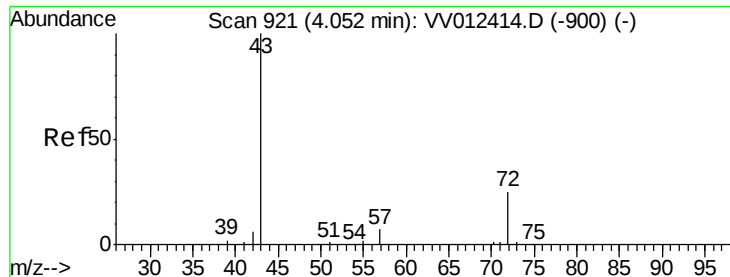
Tgt Ion: 43 Resp: 30921

Ion Ratio Lower Upper

43 100

74 0.3 21.8 32.6#





#21

2-Butanone

Concen: 34.728 ug/L

RT: 4.14 min Scan# 950

Delta R.T. 0.09 min

Lab File: VV012418.D

Acq: 27 Aug 2019 10:53

Instrument :

MSVOA_V

ClientSampleId :

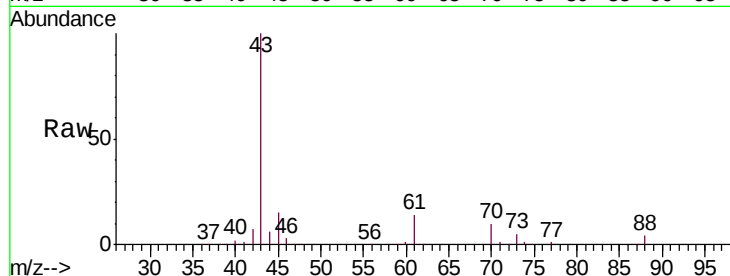
GANL9

Tgt Ion: 43 Resp: 109764

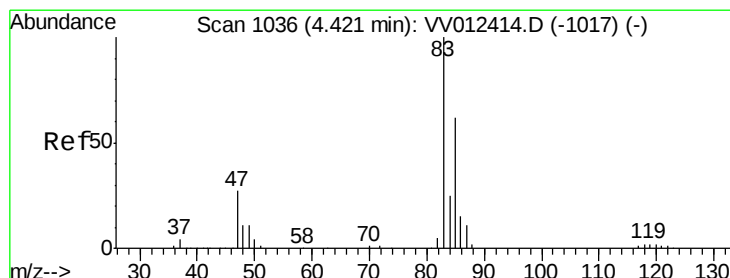
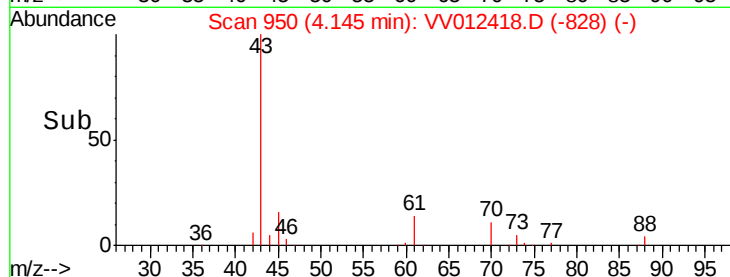
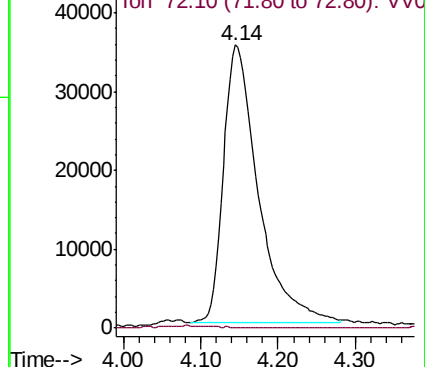
Ion Ratio Lower Upper

43 100

72 0.0 12.2 36.6#



Abundance Ion 43.05 (42.75 to 43.75): VV012418.D (-950) (-)



#25

Chloroform

Concen: 0.564 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV012418.D

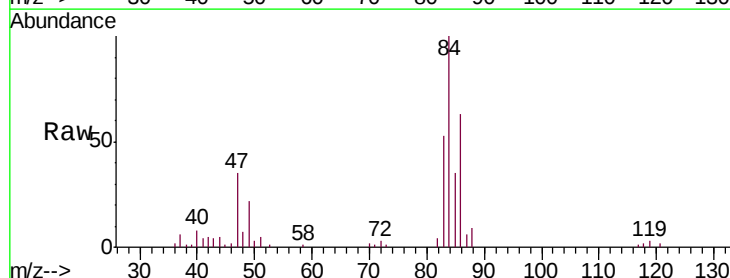
Acq: 27 Aug 2019 10:53

Tgt Ion: 83 Resp: 16108

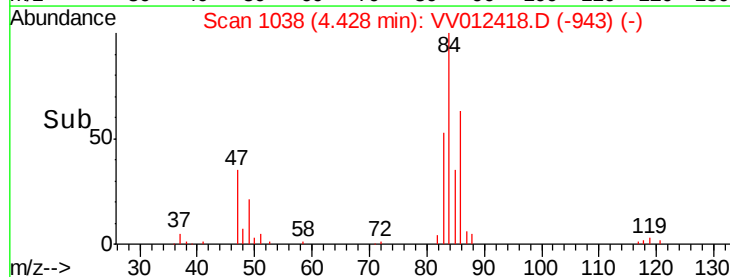
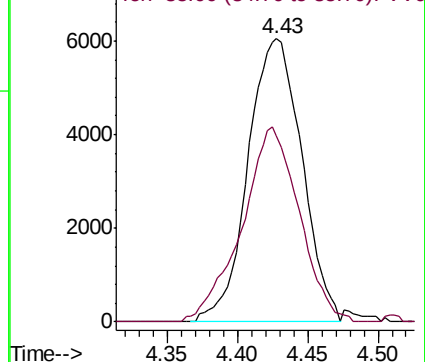
Ion Ratio Lower Upper

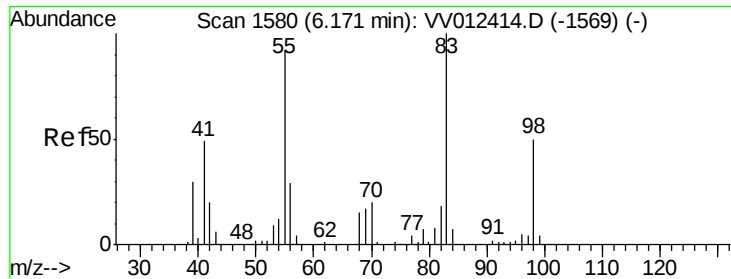
83 100

85 66.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV012418.D (-1038) (-)

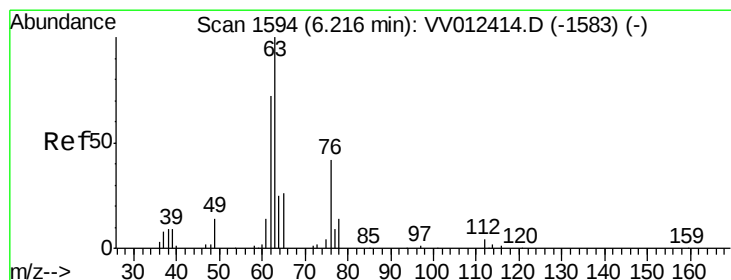
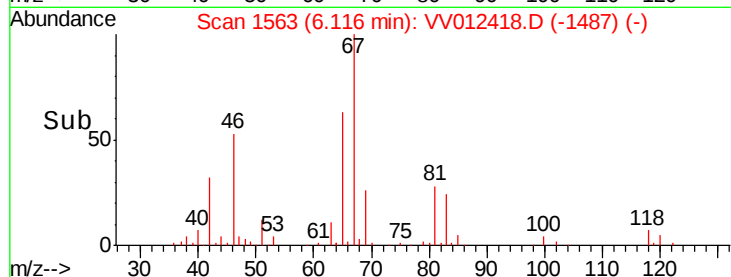
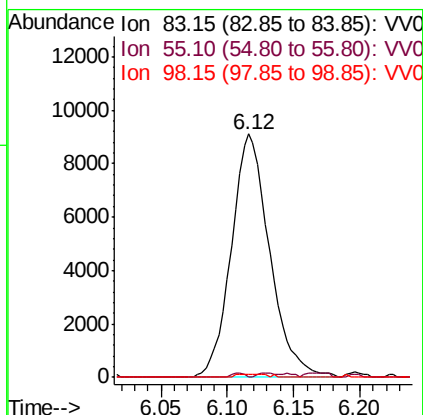
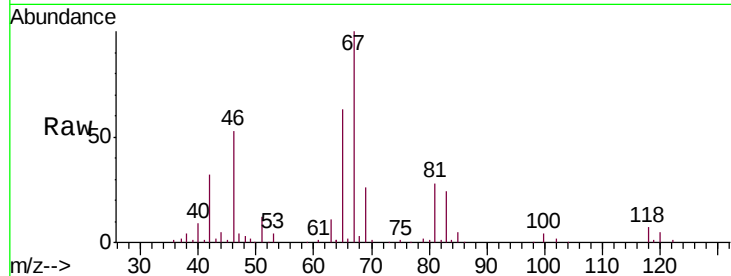




#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012418.D
Acq: 27 Aug 2019 10:53

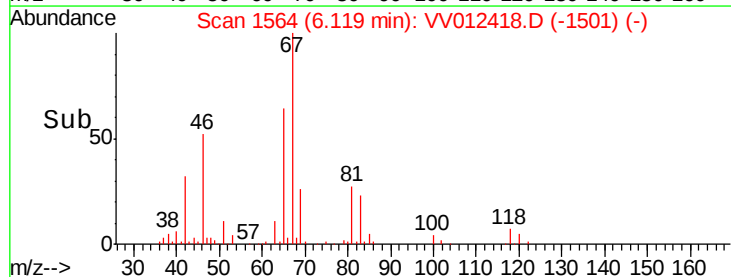
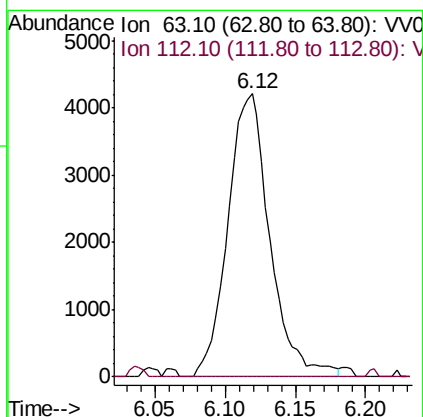
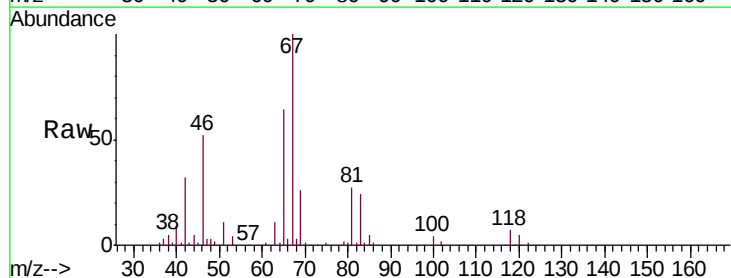
Instrument :
MSVOA_V
ClientSampled :
GANL9

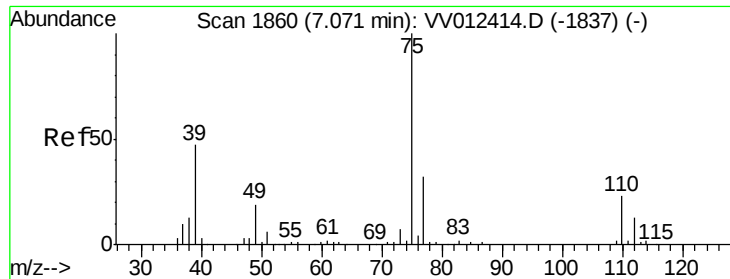
Tgt Ion: 83 Resp: 18275
Ion Ratio Lower Upper
83 100
55 0.8 64.6 97.0#
98 1.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012418.D
Acq: 27 Aug 2019 10:53

Tgt Ion: 63 Resp: 8760
Ion Ratio Lower Upper
63 100
112 1.1 4.2 6.2#

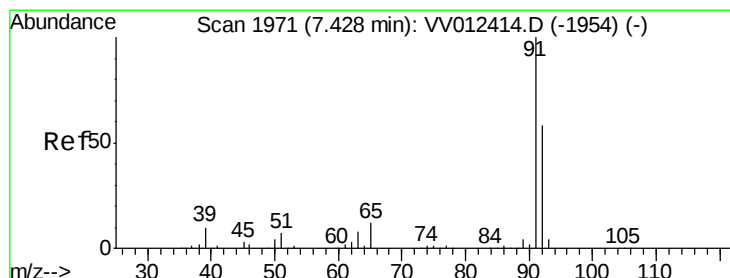
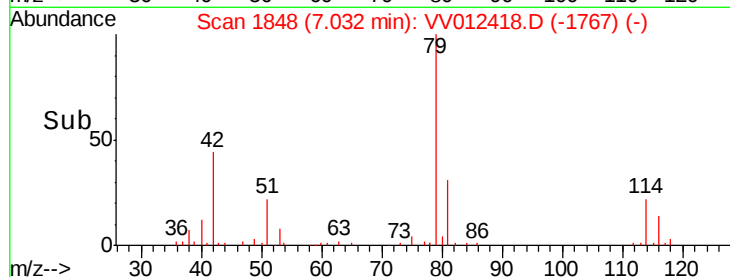
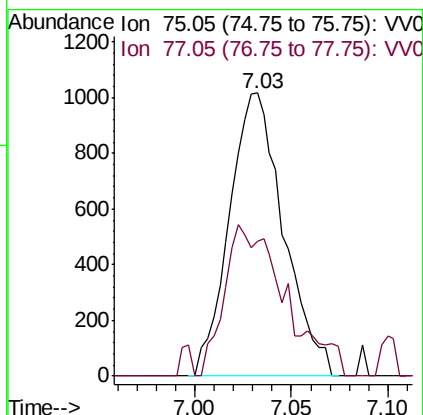
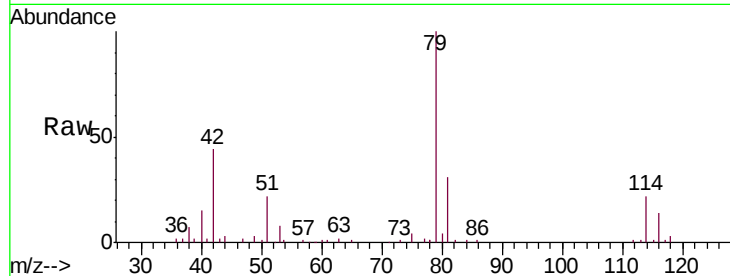




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012418.D
 Acq: 27 Aug 2019 10:53

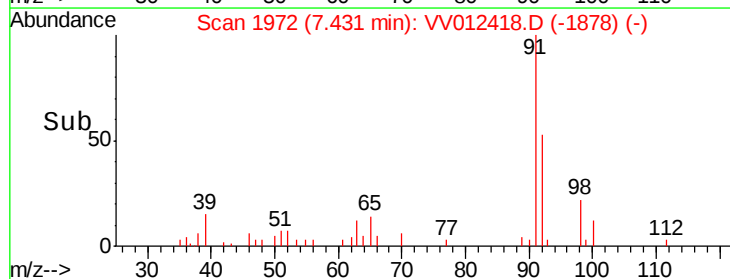
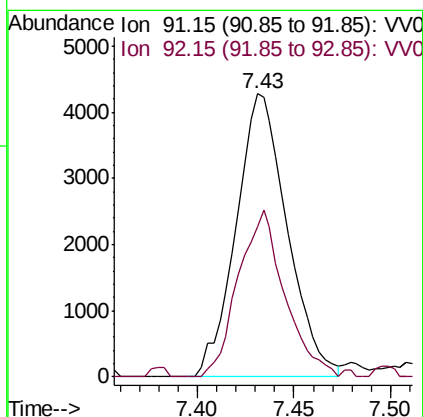
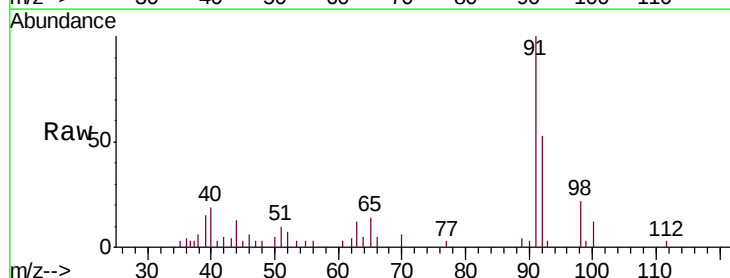
Instrument :
 MSVOA_V
 ClientSampleId :
 GANL9

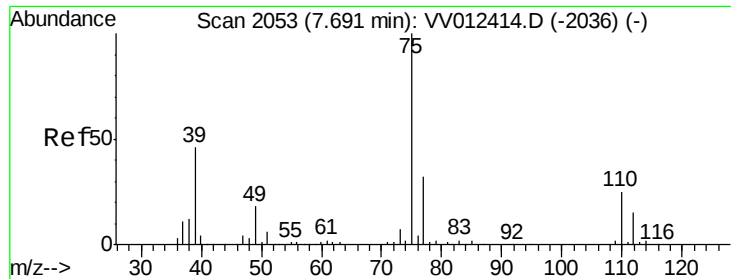
Tgt Ion: 75 Resp: 1980
 Ion Ratio Lower Upper
 75 100
 77 47.8 23.2 43.2#



#42
 Toluene
 Concen: 0.133 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012418.D
 Acq: 27 Aug 2019 10:53

Tgt Ion: 91 Resp: 7884
 Ion Ratio Lower Upper
 91 100
 92 53.2 40.7 75.5

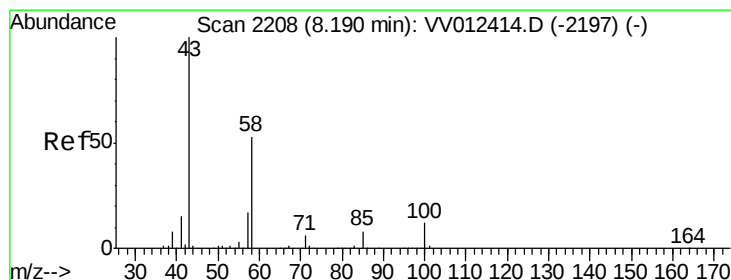
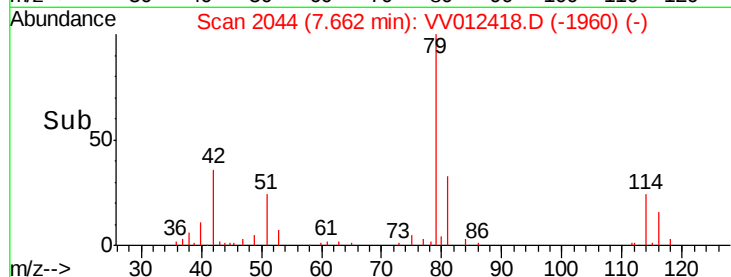
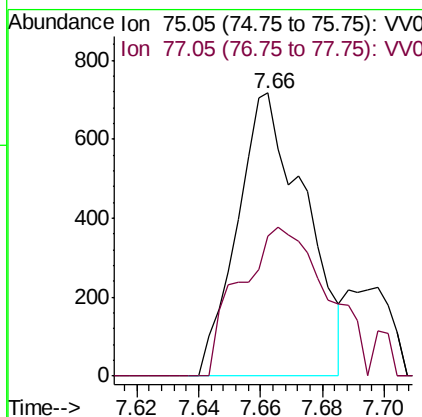
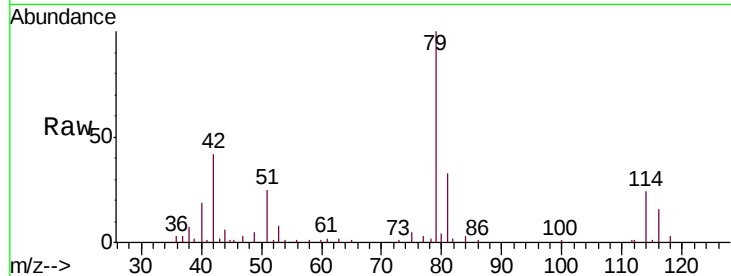




#44
 trans-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012418.D
 Acq: 27 Aug 2019 10:53

Instrument :
 MSVOA_V
 ClientSampled :
 GANL9

Tgt Ion: 75 Resp: 1095
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.6 42.0#



#48
 2-Hexanone
 Concen: 4.656 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VV012418.D
 Acq: 27 Aug 2019 10:53

Tgt Ion: 43 Resp: 26390
 Ion Ratio Lower Upper
 43 100
 58 42.1 46.3 69.5#
 57 20.2 14.9 22.3
 100 9.5 9.7 14.5#

